

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071519\
 Data File : BF115575.D
 Acq On : 15 Jul 2019 23:40
 Operator : HP/JU
 Sample : K3620-07 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-D

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	14	20	25	rVB	984104	1325321	49.68%	3.869%
2	5.498	576	580	584	rBV	2242877	2199695	82.46%	6.421%
3	6.504	746	751	754	rBV	2622522	2337274	87.62%	6.823%
4	6.651	771	776	779	rBV	2705716	2527192	94.74%	7.377%
5	6.881	811	815	819	rBV	1617024	1307240	49.01%	3.816%
6	7.039	838	842	845	rBV	2280268	1975792	74.07%	5.768%
7	7.434	905	909	913	rBV	1495102	1492716	55.96%	4.358%
8	8.163	1028	1033	1036	rBV	1992570	1649256	61.83%	4.815%
9	8.875	1150	1154	1163	rVB	62760	55231	2.07%	0.161%
10	8.975	1167	1171	1174	rBV	69459	57599	2.16%	0.168%
11	9.239	1211	1216	1226	rBV	2762465	2667452	100.00%	7.787%
12	9.322	1228	1230	1239	rVB3	18225	37454	1.40%	0.109%
13	9.504	1257	1261	1265	rBV	62392	85869	3.22%	0.251%
14	9.575	1269	1273	1275	rBV	139704	119835	4.49%	0.350%
15	9.598	1275	1277	1279	rVV	63384	54942	2.06%	0.160%
16	9.627	1279	1282	1290	rVB	235119	229600	8.61%	0.670%
17	9.692	1290	1293	1295	rBV	61451	56442	2.12%	0.165%
18	9.775	1302	1307	1312	rVB	103036	92152	3.45%	0.269%
19	9.916	1323	1331	1335	rBV2	1826873	1709251	64.08%	4.990%
20	10.022	1346	1349	1353	rVB3	32143	41784	1.57%	0.122%
21	10.116	1362	1365	1369	rVB	70684	71552	2.68%	0.209%
22	10.157	1369	1372	1377	rVB	77404	63383	2.38%	0.185%
23	10.233	1380	1385	1388	rBV2	70764	73366	2.75%	0.214%
24	10.263	1388	1390	1396	rVB	51170	45898	1.72%	0.134%
25	10.322	1396	1400	1402	rBV3	46072	67062	2.51%	0.196%
26	10.339	1402	1403	1407	rVB2	32653	26814	1.01%	0.078%
27	10.463	1421	1424	1430	rVB3	118255	136769	5.13%	0.399%
28	10.527	1430	1435	1437	rBV2	36564	52291	1.96%	0.153%
29	10.616	1446	1450	1460	rVB5	38740	64308	2.41%	0.188%
30	10.698	1460	1464	1478	rBV	1352392	1543093	57.85%	4.505%
31	10.827	1482	1486	1493	rVB3	50162	65273	2.45%	0.191%
32	11.010	1512	1517	1520	rBV2	95743	124259	4.66%	0.363%
33	11.039	1520	1522	1525	rVV	78001	73696	2.76%	0.215%
34	11.092	1528	1531	1534	rVV	69684	65976	2.47%	0.193%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071519\
 Data File : BF115575.D
 Acq On : 15 Jul 2019 23:40
 Operator : HP/JU
 Sample : K3620-07 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-071219-D

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.145	1534	1540	1541	rVV3	30709	51427	1.93%	0.150%
36	11.163	1541	1543	1547	rVV2	40160	40961	1.54%	0.120%
37	11.204	1547	1550	1554	rVB5	24942	32556	1.22%	0.095%
38	11.298	1563	1566	1572	rVB	51216	59682	2.24%	0.174%
39	11.404	1580	1584	1586	rBV	1390502	1404800	52.66%	4.101%
40	11.421	1586	1587	1591	rVV	600787	424767	15.92%	1.240%
41	11.474	1593	1596	1599	rVB	123715	103439	3.88%	0.302%
42	11.510	1599	1602	1605	rBV	50088	56931	2.13%	0.166%
43	11.733	1636	1640	1643	rVB2	64686	62181	2.33%	0.182%
44	11.816	1651	1654	1657	rVB	41072	41401	1.55%	0.121%
45	11.904	1665	1669	1671	rBV	236077	239416	8.98%	0.699%
46	11.927	1671	1673	1679	rVV	513174	482637	18.09%	1.409%
47	11.974	1679	1681	1684	rVV	98909	93046	3.49%	0.272%
48	12.010	1684	1687	1690	rVV2	301124	362320	13.58%	1.058%
49	12.033	1690	1691	1697	rVB	204091	165395	6.20%	0.483%
50	12.133	1706	1708	1711	rVB2	33628	27293	1.02%	0.080%
51	12.198	1716	1719	1721	rBV2	94543	79300	2.97%	0.231%
52	12.327	1738	1741	1742	rBV	38522	31633	1.19%	0.092%
53	12.345	1742	1744	1747	rVB	66576	49690	1.86%	0.145%
54	12.374	1747	1749	1751	rBV	68190	57401	2.15%	0.168%
55	12.398	1751	1753	1756	rVB2	58984	56835	2.13%	0.166%
56	12.451	1756	1762	1765	rBV	231680	250427	9.39%	0.731%
57	12.486	1765	1768	1770	rBV2	105744	120837	4.53%	0.353%
58	12.533	1774	1776	1778	rBV	75941	85153	3.19%	0.249%
59	12.610	1786	1789	1793	rBV	483362	435080	16.31%	1.270%
60	12.657	1794	1797	1799	rVV	44980	46259	1.73%	0.135%
61	12.674	1799	1800	1803	rVB2	48064	35953	1.35%	0.105%
62	12.710	1803	1806	1808	rBV3	96239	87043	3.26%	0.254%
63	12.763	1813	1815	1819	rVV4	37408	57138	2.14%	0.167%
64	12.839	1823	1828	1831	rVV	641562	617097	23.13%	1.801%
65	12.898	1835	1838	1842	rVB2	52598	67387	2.53%	0.197%
66	12.980	1849	1852	1861	rVB	1889927	1789076	67.07%	5.223%
67	13.057	1862	1865	1872	rVV2	108089	160173	6.00%	0.468%
68	13.115	1872	1875	1877	rVV2	44379	38796	1.45%	0.113%
69	13.168	1881	1884	1887	rVB	171653	175538	6.58%	0.512%
70	13.233	1893	1895	1898	rVB	118360	91394	3.43%	0.267%
71	13.274	1898	1902	1906	rBV	143475	157989	5.92%	0.461%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.363	1914	1917	1920	rVB	121964	105466	3.95%	0.308%
73	13.392	1920	1922	1926	rBV	119252	107907	4.05%	0.315%
74	13.539	1945	1947	1949	rBV3	27658	29831	1.12%	0.087%
75	13.786	1985	1989	1992	rBV4	53685	98668	3.70%	0.288%
76	13.898	2005	2008	2015	rVB5	111965	198151	7.43%	0.578%
77	14.033	2026	2031	2034	rBV2	1078254	1274765	47.79%	3.721%
78	14.062	2034	2036	2043	rVB	261217	265682	9.96%	0.776%
79	14.421	2095	2097	2100	rVB	111594	91769	3.44%	0.268%
80	15.074	2205	2208	2217	rVB	126973	265151	9.94%	0.774%
81	15.374	2257	2259	2264	rVB	104218	121710	4.56%	0.355%
82	15.439	2267	2270	2276	rBV	122031	146115	5.48%	0.427%
83	15.504	2277	2281	2285	rBV	729952	916184	34.35%	2.675%

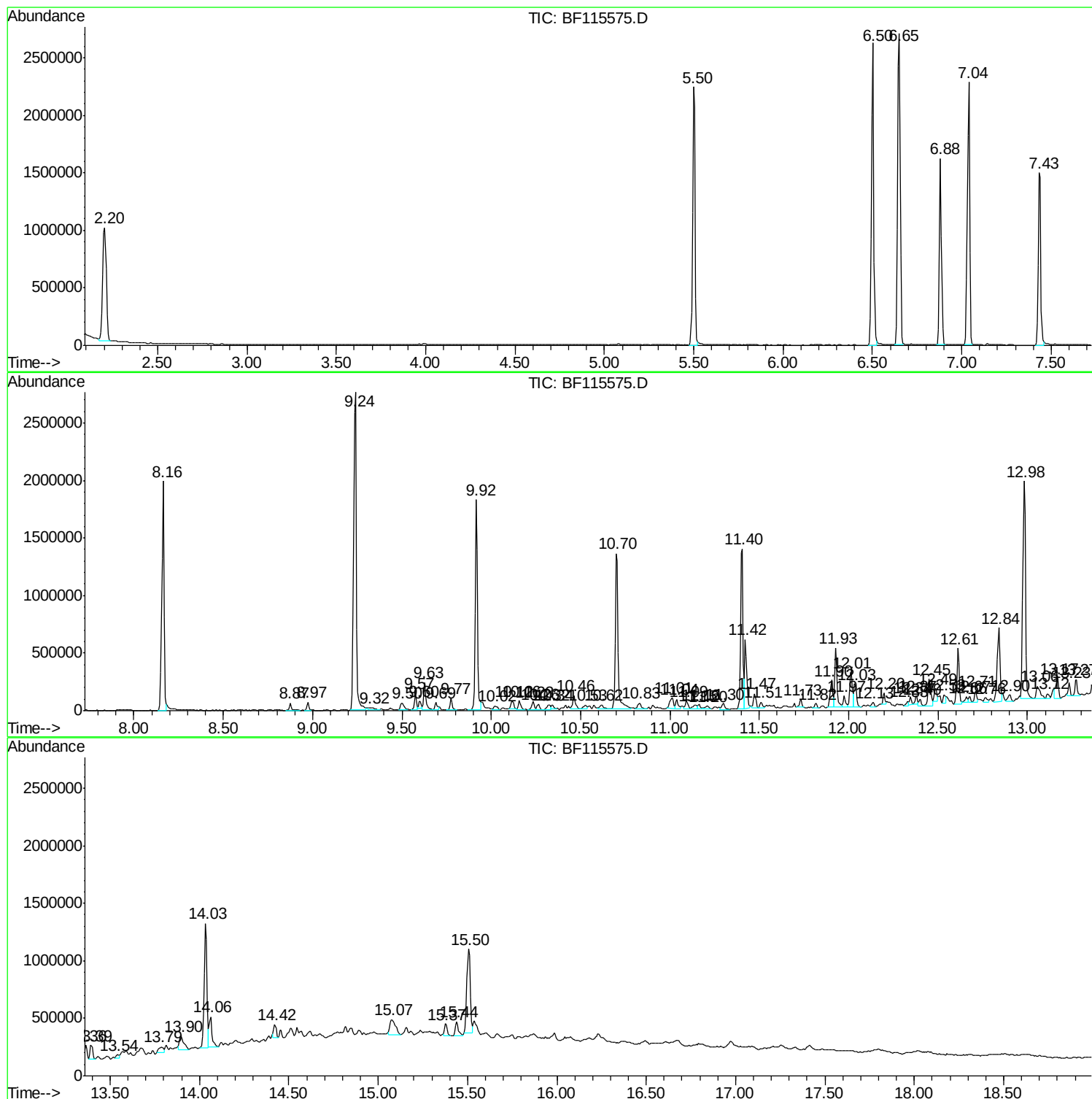
Sum of corrected areas: 34255687

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

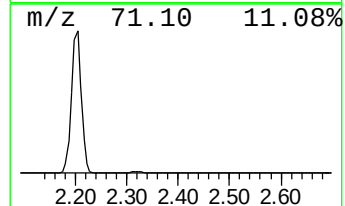
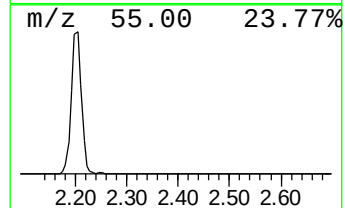
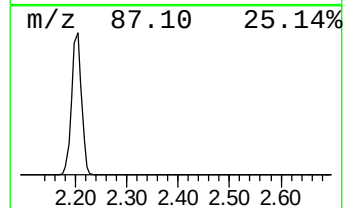
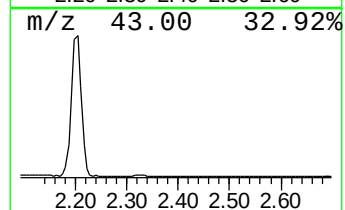
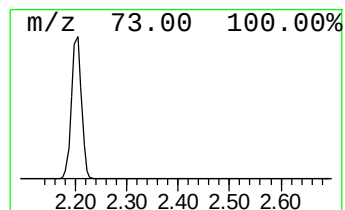
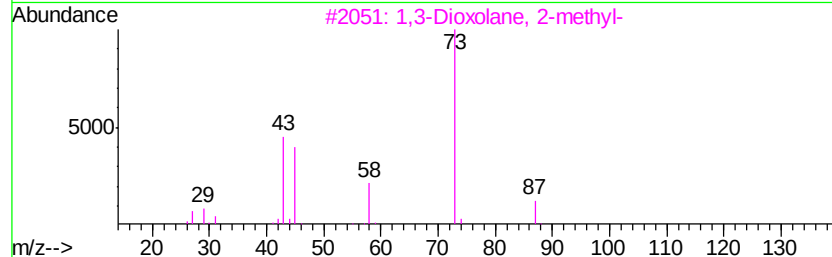
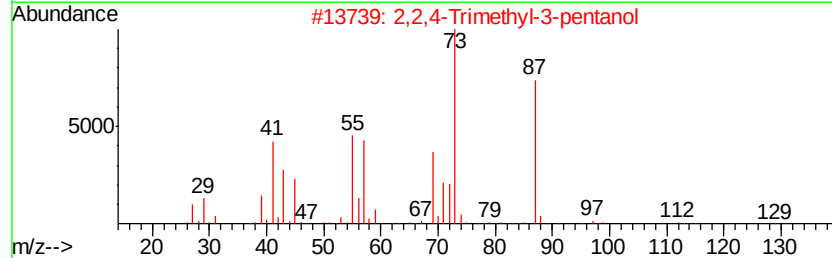
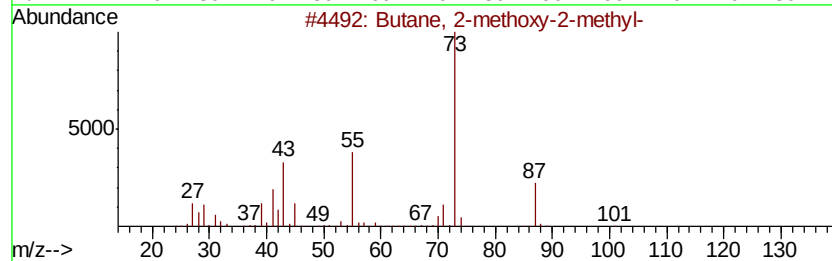
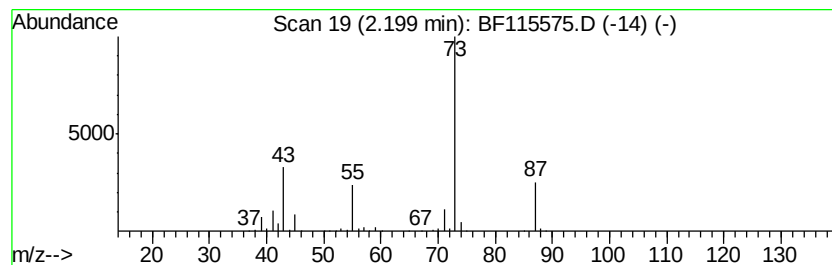
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	20.28 ng	1325320	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

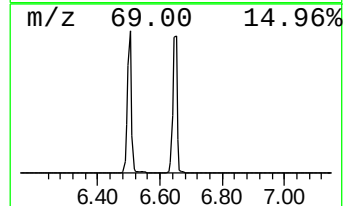
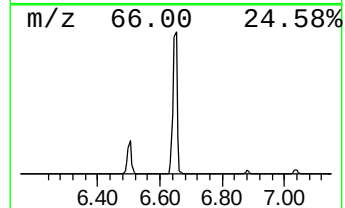
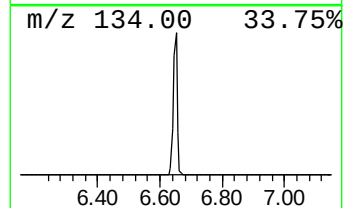
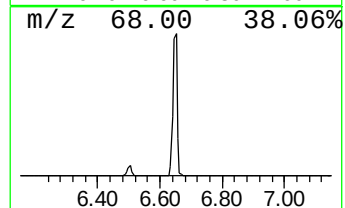
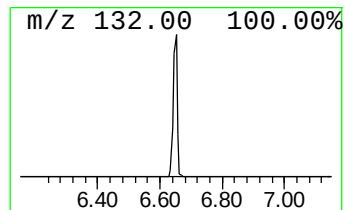
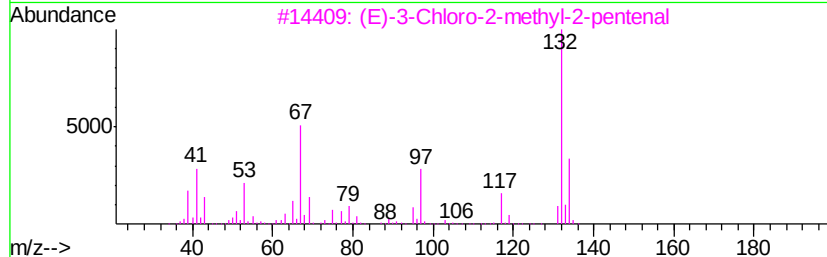
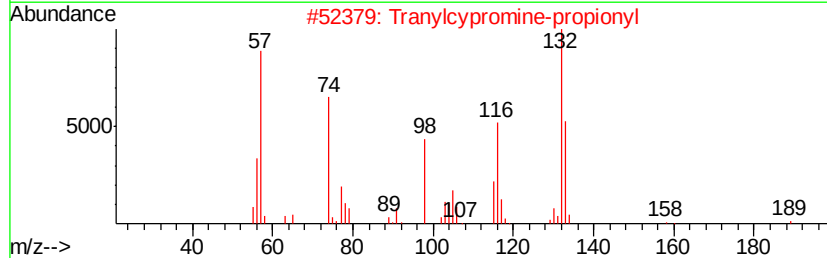
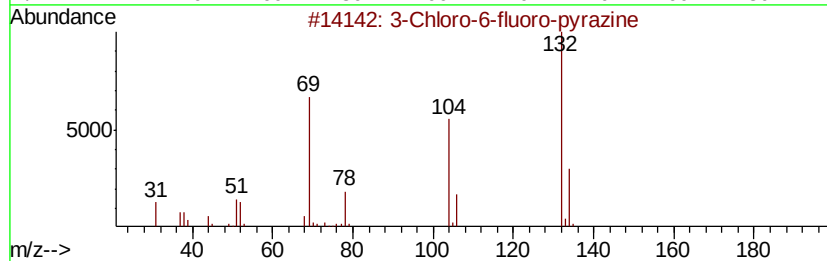
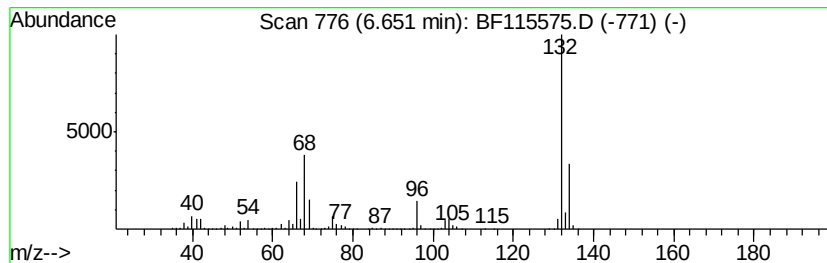
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	38.66 ng	2527190	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

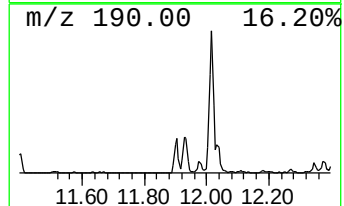
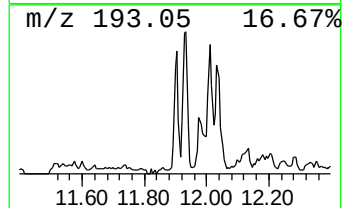
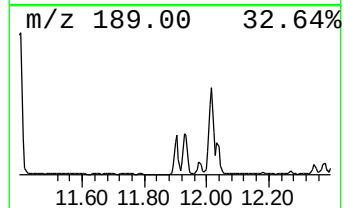
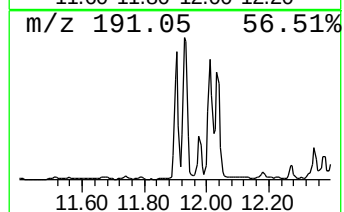
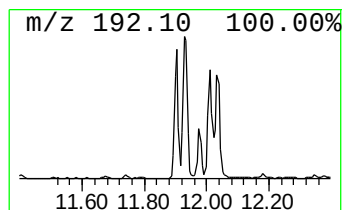
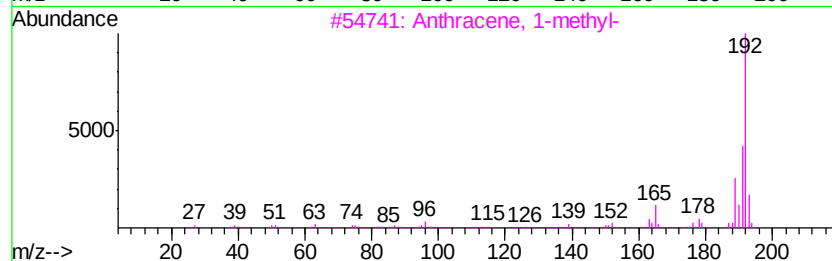
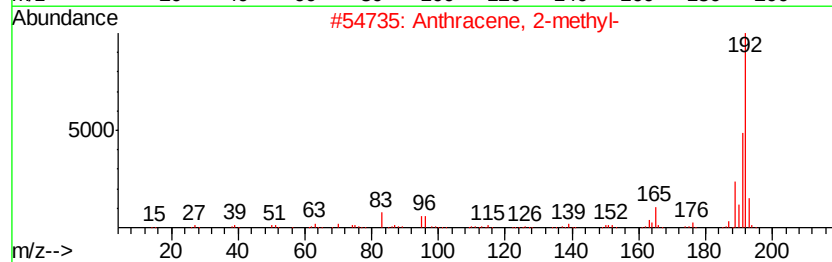
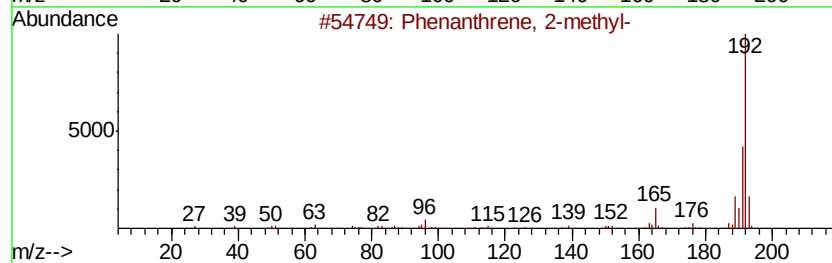
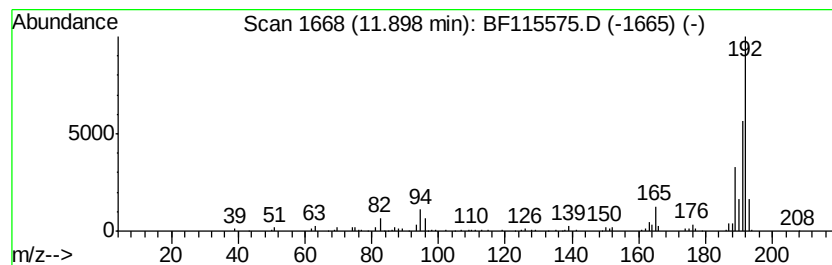
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	3.41 ng	239416	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

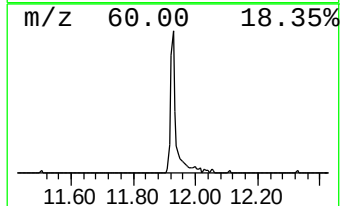
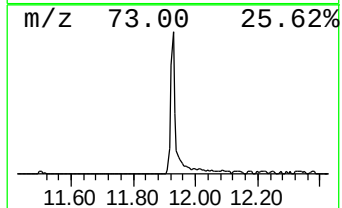
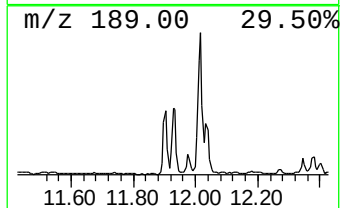
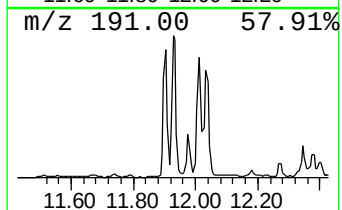
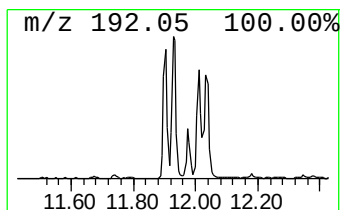
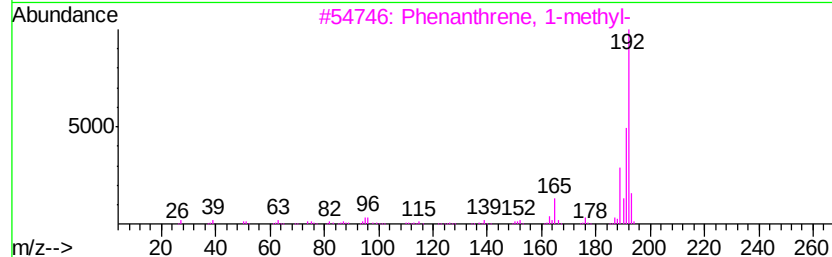
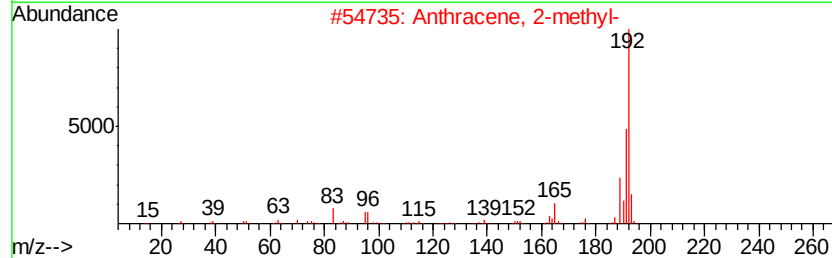
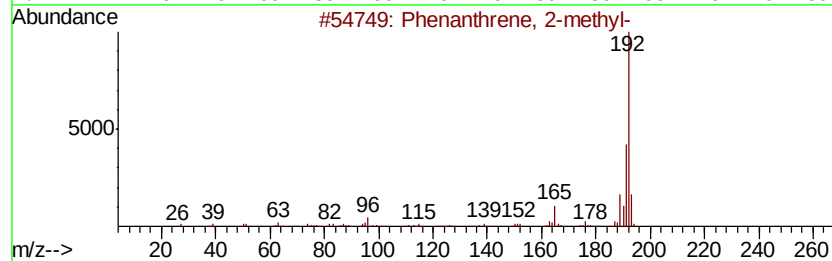
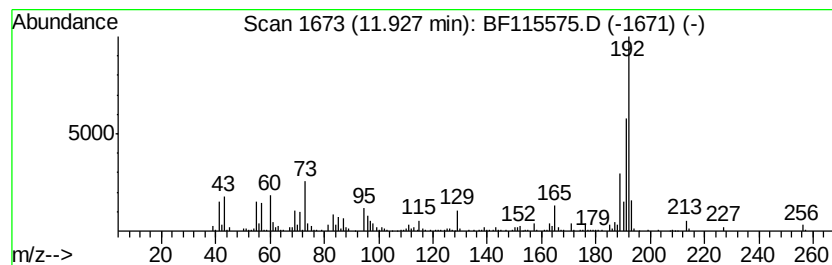
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	6.87 ng	482637	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

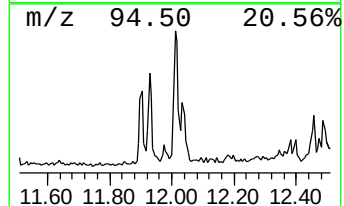
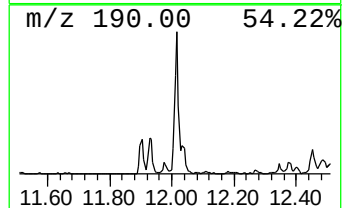
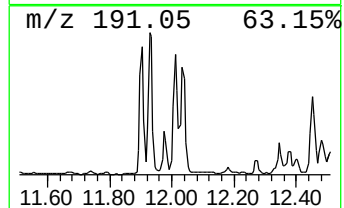
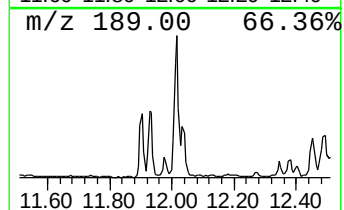
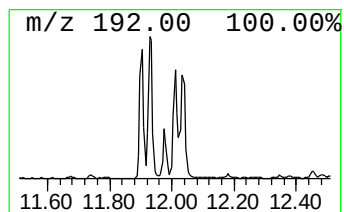
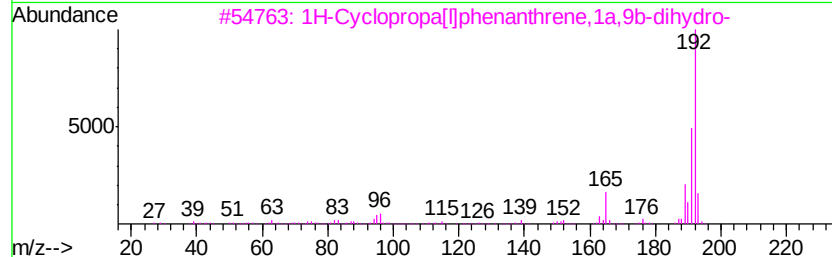
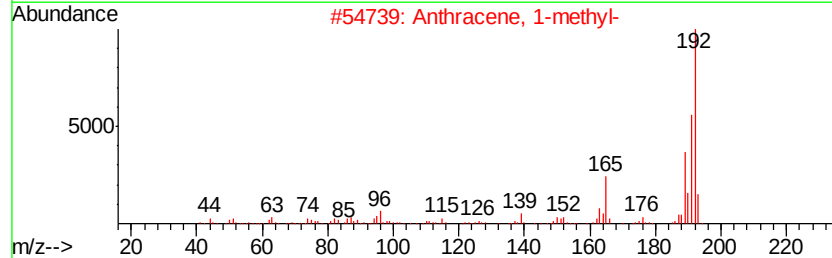
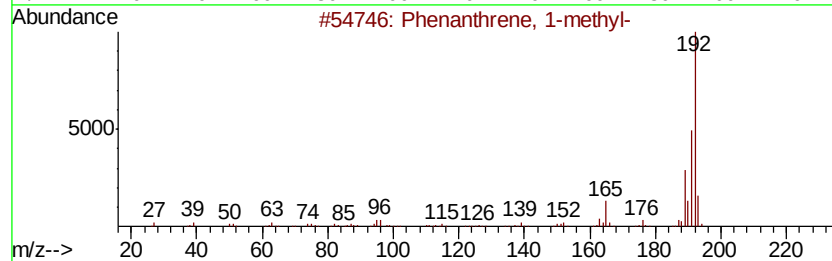
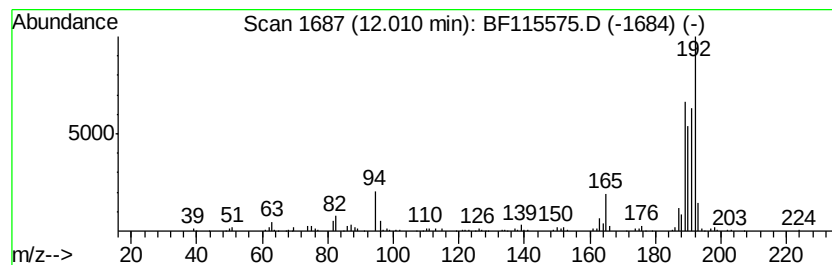
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.01	5.16 ng	362320	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

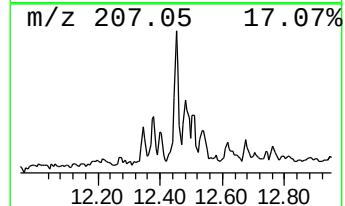
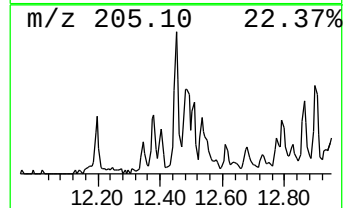
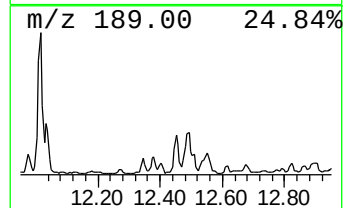
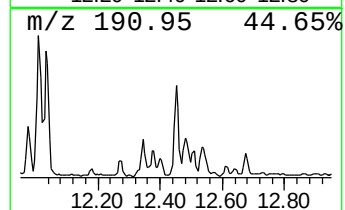
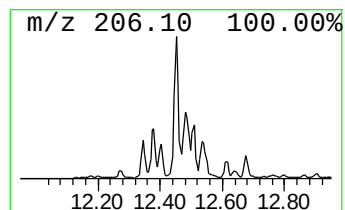
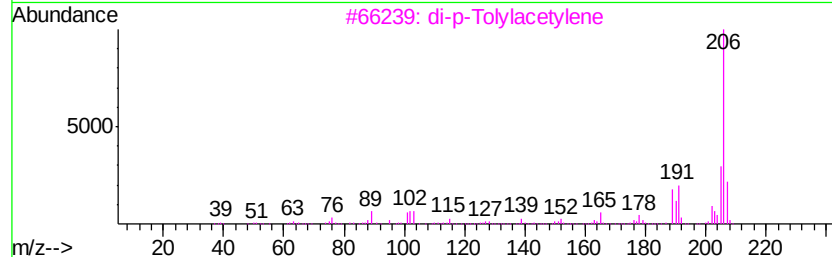
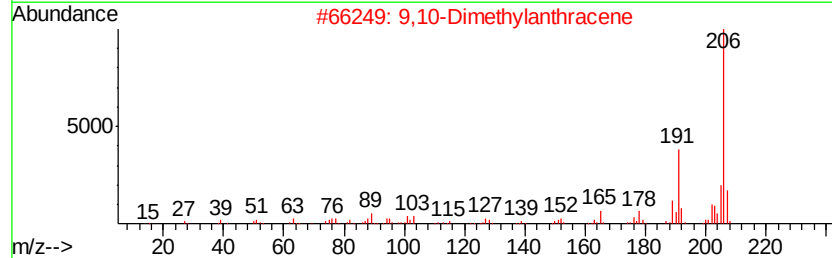
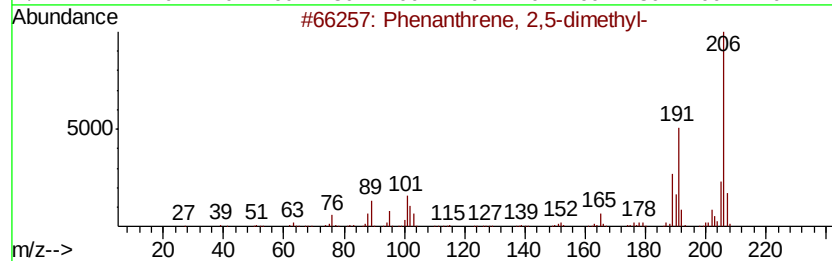
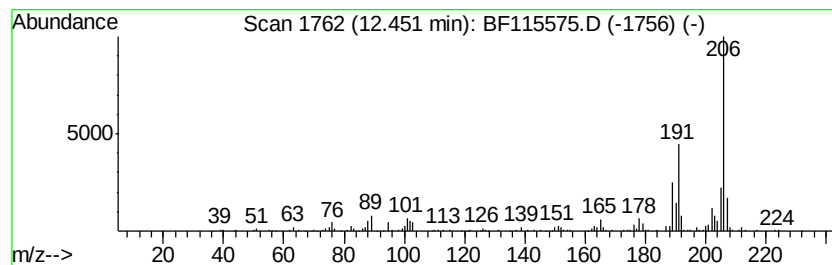
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.45	3.57 ng	250427	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

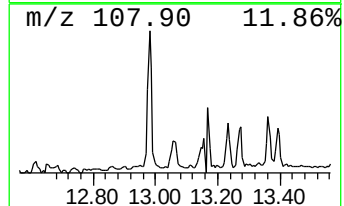
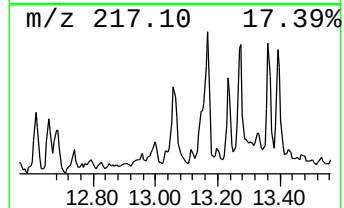
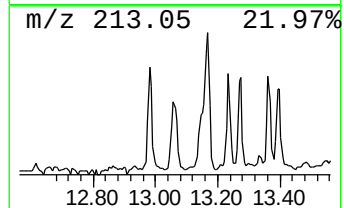
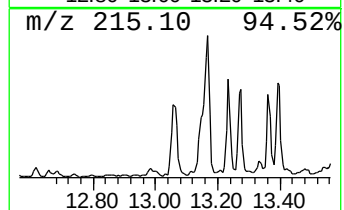
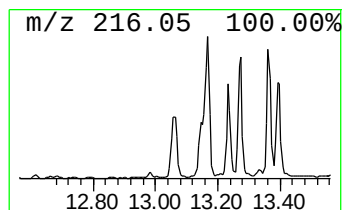
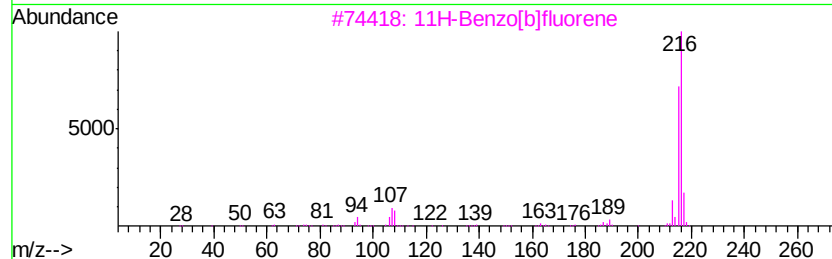
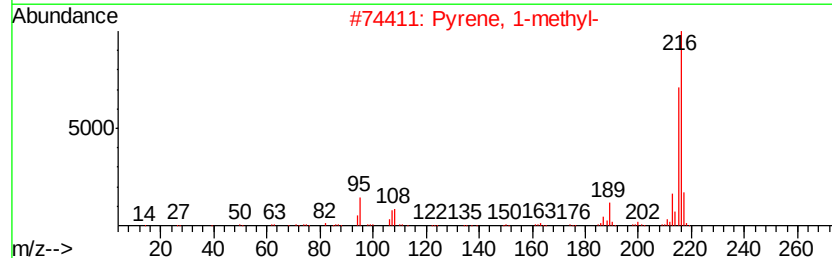
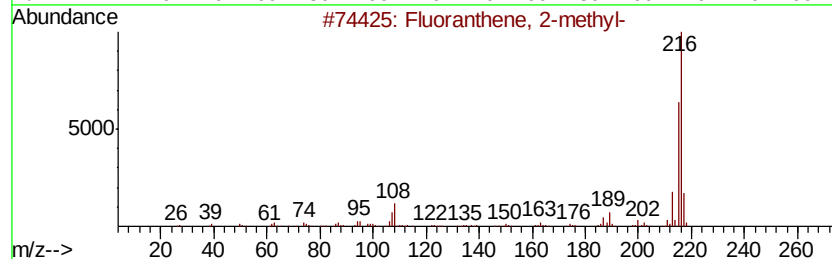
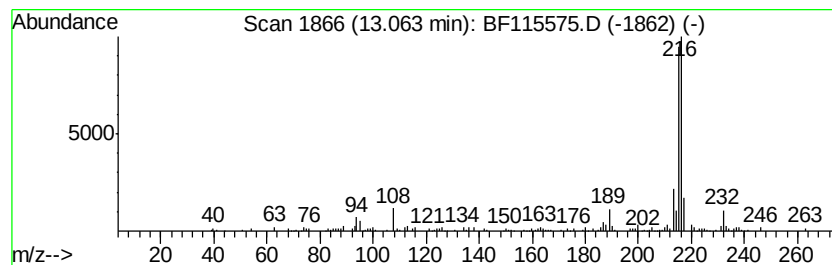
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.06	2.51 ng	160173	Chrysene-d12		14.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

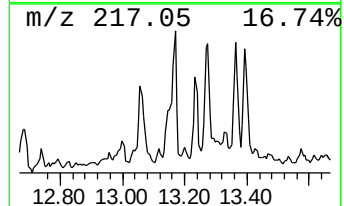
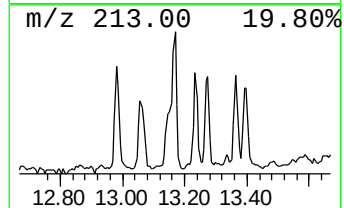
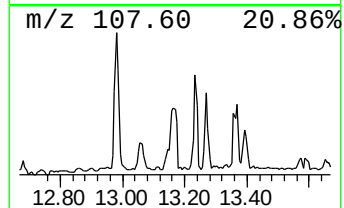
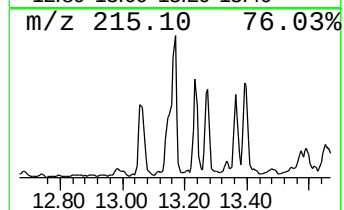
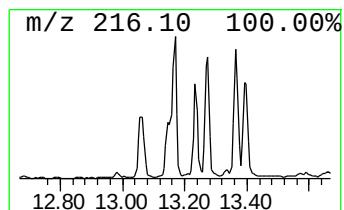
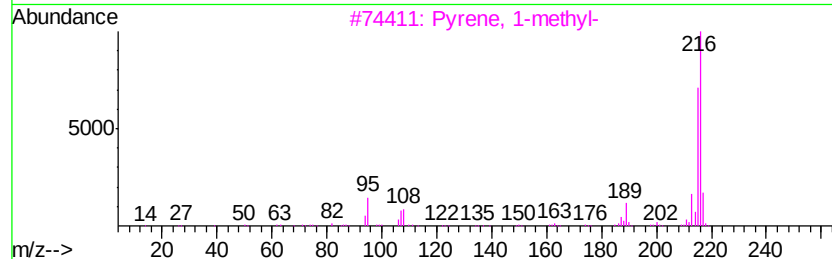
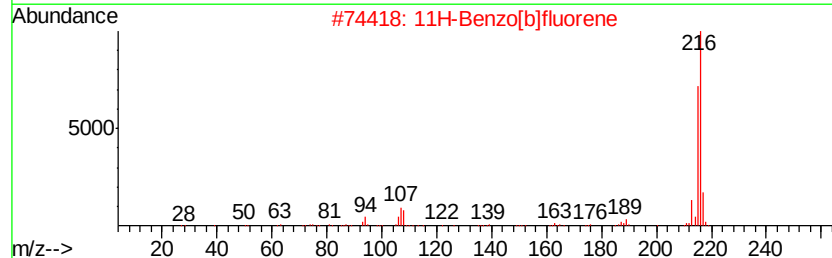
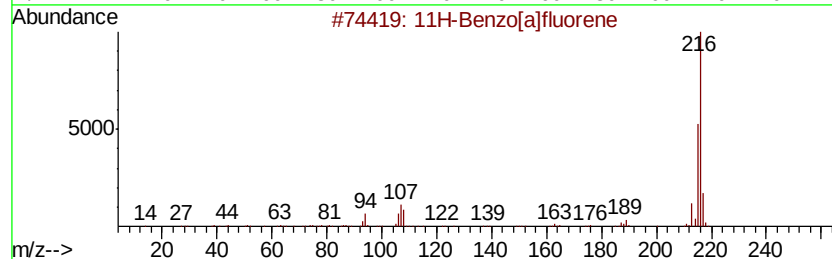
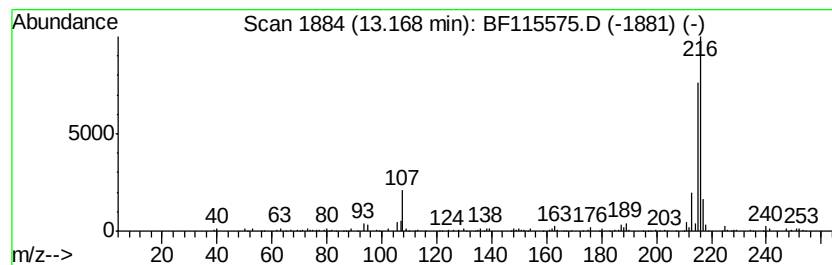
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.75 ng	175538	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

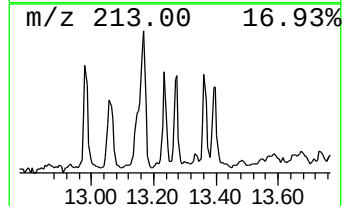
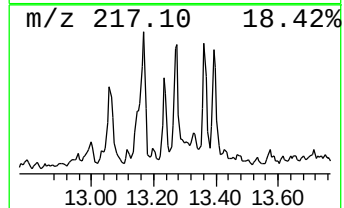
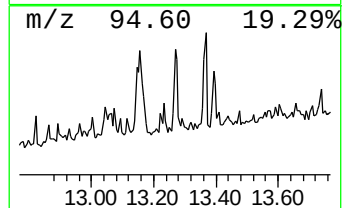
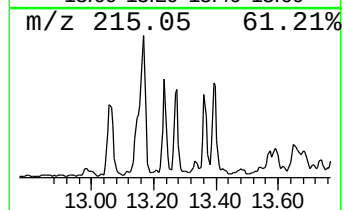
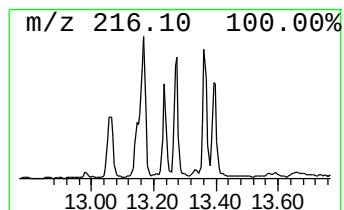
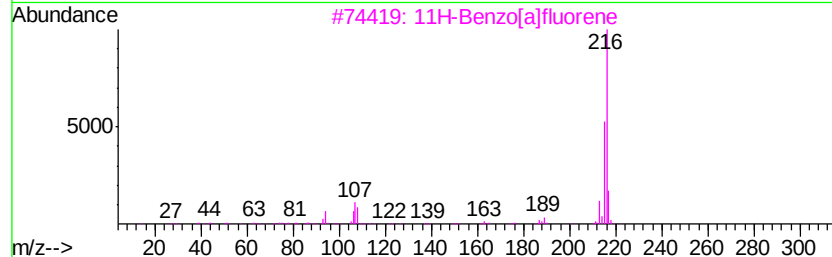
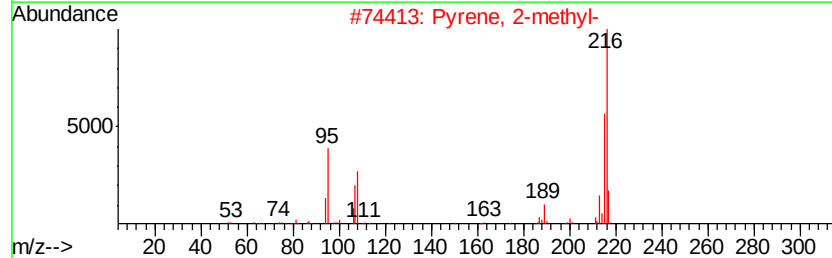
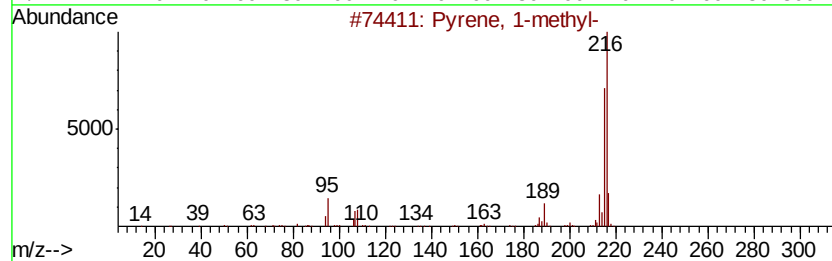
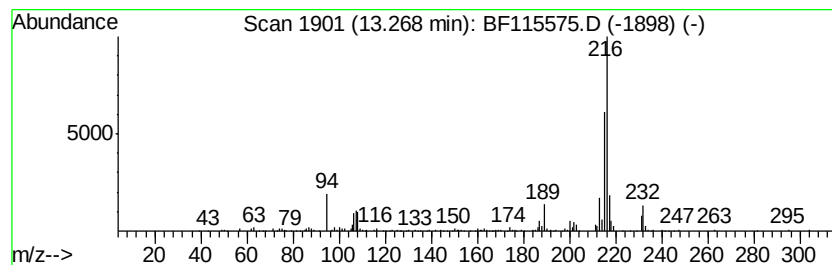
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.48 ng	157989	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93
3		11H-Benzofluorene	216 C17H12	000238-84-6 90
4		Pyrene, 4-methyl-	216 C17H12	003353-12-6 81
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

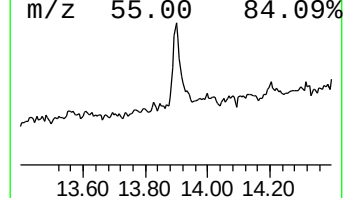
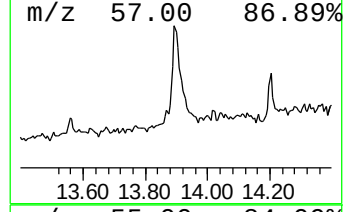
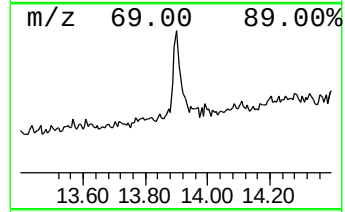
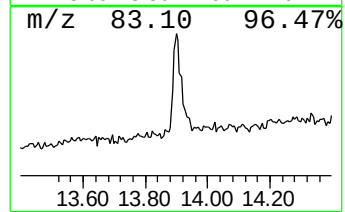
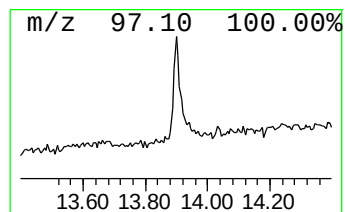
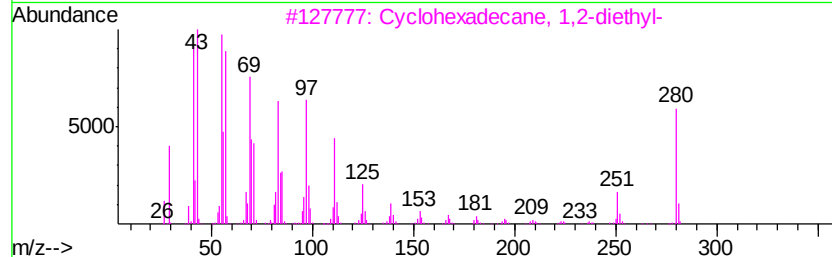
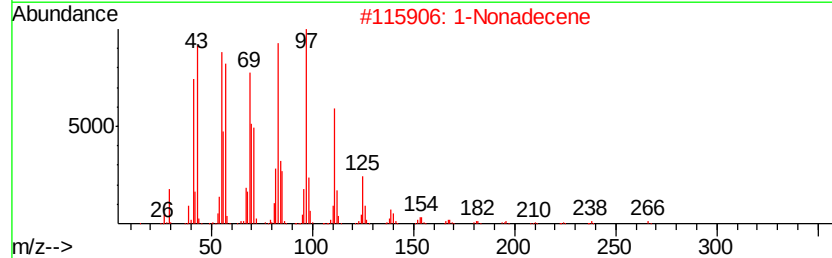
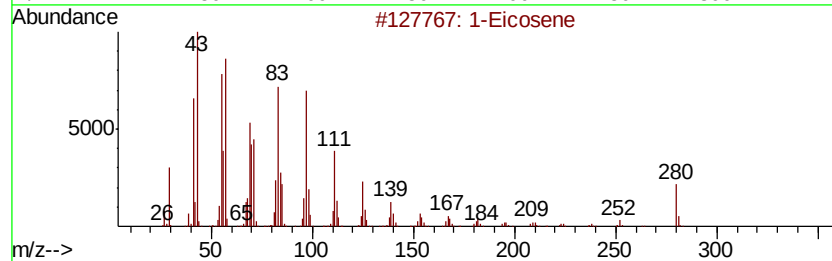
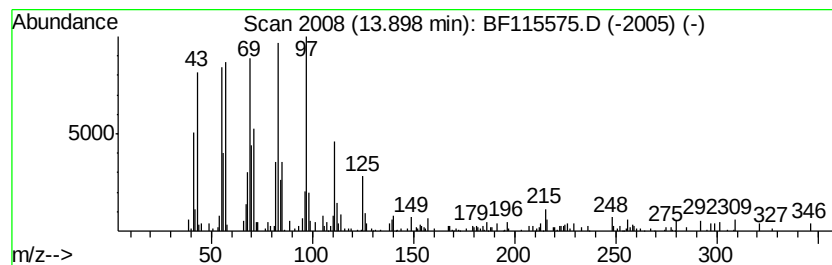
Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Eicosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.11 ng	198151	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosene		280 C20H40	003452-07-1 94
2	1-Nonadecene		266 C19H38	018435-45-5 94
3	Cyclohexadecane, 1,2-diethyl-		280 C20H40	1000155-85-3 94
4	5-Eicosene, (E)-		280 C20H40	074685-30-6 92
5	Behenic alcohol		326 C22H46O	000661-19-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

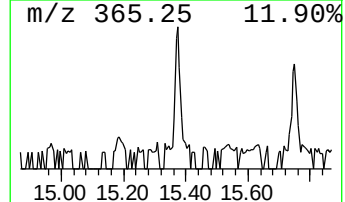
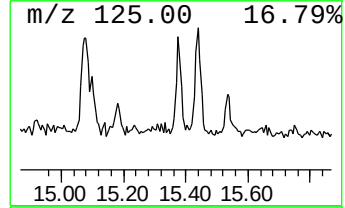
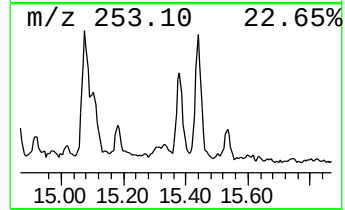
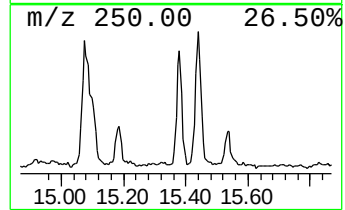
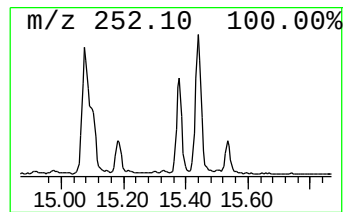
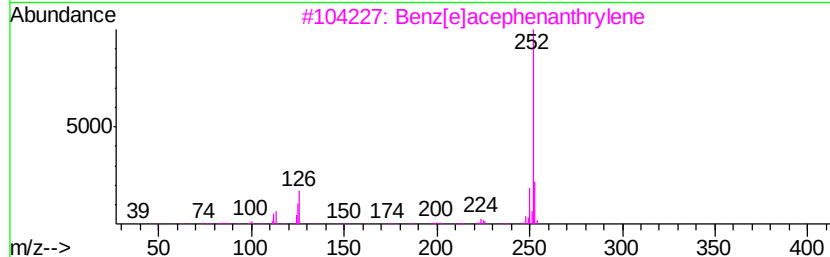
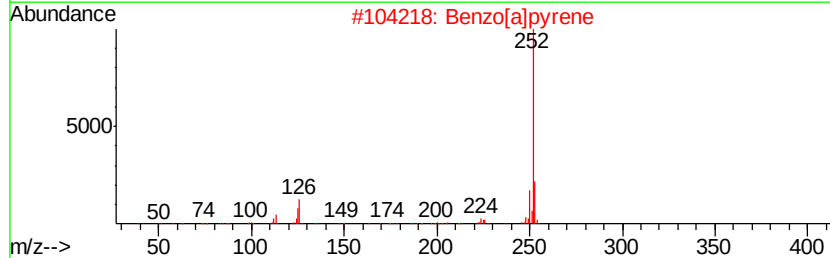
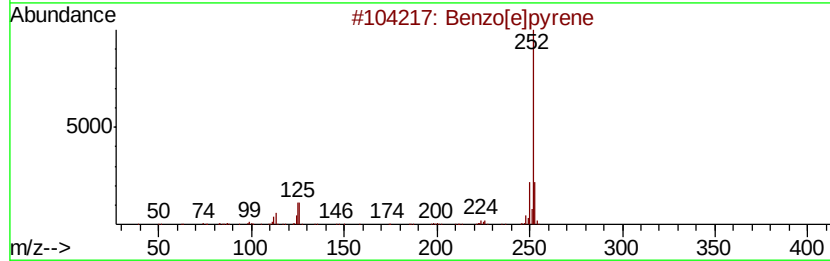
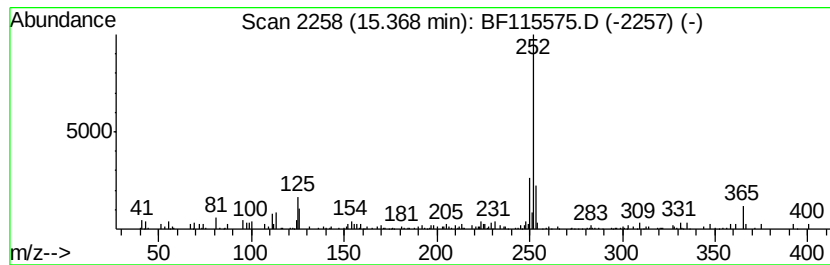
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.66 ng	121710	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Perylene	252	C20H12	000198-55-0	92
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071519\
Data File : BF115575.D
Acq On : 15 Jul 2019 23:40
Operator : HP/JU
Sample : K3620-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	20.3	ng	1325320	1	6.88	1307240	20.0
unknown6.65	6.65	38.7	ng	2527190	1	6.88	1307240	20.0
Phenanthrene, 2-m...	11.90	3.4	ng	239416	4	11.40	1404800	20.0
Phenanthrene, 1-m...	11.93	6.9	ng	482637	4	11.40	1404800	20.0
Anthracene, 1-met...	12.01	5.2	ng	362320	4	11.40	1404800	20.0
Phenanthrene, 2,5...	12.45	3.6	ng	250427	4	11.40	1404800	20.0
Fluoranthene, 2-m...	13.06	2.5	ng	160173	5	14.03	1274770	20.0
11H-Benzo[a]fluorene	13.17	2.8	ng	175538	5	14.03	1274770	20.0
Pyrene, 1-methyl-	13.27	2.5	ng	157989	5	14.03	1274770	20.0
1-Eicosene	13.90	3.1	ng	198151	5	14.03	1274770	20.0
Benzo[e]pyrene	15.37	2.7	ng	121710	6	15.50	916184	20.0